

# Lucas de Oliveira Gelape

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Political scientist and data analyst. I have experience with computational social sciences, especially in political, socioeconomic and social media data analyses. I have also graduated in Law and was a full-time graduate student for four years.

## Education

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- **University of São Paulo**  
*PhD in Political Science* 2017–2021
- **Harvard University**  
*Visiting Fellow* 09/2019–02/2020
- **Federal University of Minas Gerais**  
*MA in Political Science* 2015–2017
- **Federal University of Minas Gerais**  
*Bachelor in Laws* 2010–2014

## Professional Experience

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- **Center for Politics and Economics of the Public Sector, FGV-SP**  
*Post-Doctorate Researcher* May 2023–Currently  
Post-Doctorate Researcher. Project: "The spatial voting patterns of local elections and their related variables", associated with the project "Electoral strategies and public policies: what is the importance of municipalities?", supervised by prof. George Avelino.
- **Fundação SEADE – São Paulo State Statistical Bureau**  
*Technical Adviser* Jan. 2022–Mar. 2023  
Technical Adviser at the Data Production Analysis Division. The tasks focused on managing and executing activities using new technologies to produce official statistics: text-as-data machine learning models; development and maintenance of ETL processes; web scraping; creation of indicators; opening and standardizing public data.
- **Volt Data Lab**  
*Data Analyst* Feb. 2019–Aug. 2019; Jun. 2020–Jan. 2022  
Activities of data collection, analyses, and visualization in several projects of the agency. Among them, the development of social listening platforms, data analyses for several stories on *Núcleo Jornalismo* and other projects in the agency, and software development (R packages) to extract API data.
- **G1 (Rede Globo)**  
*Data Scientist* Jul. 2018–Nov. 2018  
Data collection, data analysis, and wrote news stories about the Brazilian general elections.

- **Instructor on programming and quantitative methods' courses**

- *Teaching experience*

2017–2023

Taught the following short courses: *Introduction to Statistics (using R)* (Modus-UFMG, 2019 e 2021), *Spatial Data Analysis* (IESP-UERJ's Winter School, 2023), *The use of maps in Political Science* (workshop at the VIII Seminar of Political Science and International Relations, UFPE, 2019), *Introduction to Spatial Data Analysis* (Meios-UFMG, 2017), and *Introduction to R* (UFMG Law School, 2017, and a workshop at Coda.BR, 2022).

## Languages

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- **English:** Proficient.
- **Italian:** Advanced.
- **Spanish:** Intermediate.

## Technical Skills

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- **Programming Languages:**
  - **R:** Advanced.
  - **SQL:** Beginner.
  - **TeX:** Beginner.
  - **Stata:** Beginner.
- **Softwares:**
  - **QGis:** Intermediate.
  - **ArcGis:** Beginner.

## Courses and Training

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- **Methodology:**
  - Summer Institute in Computational Social Science (FGV-DAPP, 2022)
  - Introduction to Machine Learning (Curso-R, 2021)
  - Dashboards with R (Curso-R, 2020)
  - Survey Research Design (IPSA-USP, 2019)
  - Survey Research Analysis (IPSA-USP, 2019)
  - Introduction to Survey Experiments (IPSA-USP, 2019)
  - Field Research: Interviewing and Mixed Methods (IPSA-USP, 2018)
  - Basics of Spatial Interdependence in Theory and Practice (IPSA-USP, 2018)
  - Aggregate Data Analysis (MQ-UFMG, 2016)
  - Spatial Data Analysis and Visualization (MQ-UFMG, 2016)
  - Linear Regression (MQ-UFMG, 2015)